

High School to College and Career Pathway: Post-Secondary

Area of Study: Information Technology Education Pathway: Programming/Software Development

Region: Wasatch Front	District:	School:	College/Institution: Salt Lake Community College Articulation Agreement in place? Yes Name of Degree or Certificate: Computer Info Systems/Computer Programming & Design Assoc of Applied Science Degree (66 hours required)
Contact Person: Don Johnson		Ph.#: 801-957-5807	
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
				ENGL 2100	Technical Writing	3
	MATH 1050*	1	4	MATH 1050	College Algebra <u>or</u> MATH 1090 Col Alg Bus (3)	3-4
	COMM 1010*	1	3	COMM 1010	Elements of Effective Communication	3
				MKTG 1010	Customer Service	2
	2 courses from 2 areas: BioSci, FineArts, Hum, Int, PhySci, SocSci*	2	6		2 courses from 2 areas: BioSci, FineArts, Humanities, Interdisciplinary, PhySci, SocSci	6

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** *= concurrent ^= distant

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
Course #	Introductory Courses: (preferred)	Credit				
52.0417	Computer Technology* (Conc.Enroll)	.50	→	CIS 1020	Computer Essentials	
11.0101	Information Technology, Introduction	.50				
	Foundation Courses: (required)					
11.0201	Computer Programming I	1.00				
	<i>Choose one of the following courses:</i>					
11.0202	Computer Programming II	1.00				
11.0301	Database Development I	1.00				
	Elective Courses:					
11.0210	Multimedia I: Design & Development	1.00				
11.0230	Web Development II	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				BUS 2200	Business Communications	3
				CIS 1030	Object-Oriented Programming I (B grade or +)	3
				CIS 1130	Object-Oriented Programming II (B grade or +)	3
				CIS 1135	Object-Oriented Analysis/Design	3
				CIS 1430	Intern/HTML Fundamentals	3
				CIS 2150	Comp Organization	3
				CIS 2600	Fundamentals of Data Base Management	3
				CIS 2800	Business Systems Design	3
					Electives: CIS 1520, CIS 2000, CIS 2010, CIS 2300, CIS 2350, CIS 2410, CIS 2420, CIS 2430, CIS 2460, CIS 2550, CIS 2650, CIS 2780, CIS 2990, FIN 1380, MKTG 1030, MKTG 1050 (MKTG 1050 counts for Interdiscip Gen Ed credit)	13 (1 elective listed below)
					Select one of the following sequences:	
				CIS 2730	C++ Programm w/Objects (3) (Sequence 1)	6
				CIS 2735	Win App Prog (3) (Sequence 1)	
					-OR-	
				CIS 2760	Java I (3) (Sequence 2)	
				CIS 2770	Java II (3) (Sequence 2)	

	<u>Additional Articulated Classes Below</u>	<u>Credit</u>				
52.0312	Accounting I*	.5	3 ⇨	ACCT 1110	Financial Accounting I	3
08.0708	Marketing (MKTG 1030)*	.5	3 ⇨	MKTG 1030	Introduction to Marketing (see electives above)	3
TOTAL Potential Credits Earned in High School			19	TOTAL Credits Required for Degree or Certificate		66

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